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**Subject:** USS Lead Daily Zone 3 Field Progress Report 6-06-17  
**Date:** Tuesday, June 06, 2017 8:51:15 PM

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**Tim, Sarah and Michael-**

**The following is a summary for the USS Lead Zone 3 remediation project through June 6<sup>th</sup> , 2017.**

## **Project Progress Summary**

### **Precon Surveys Completed**

- 47 of 120

### **Excavations Completed**

- 18 of 120

### **General Fill Completed**

- 10 of 120

### **Topsoil Completed**

- 9 of 120

### **Sod Installations Completed**

- 6 of 120

### **Restoration Maintenance Period Completed**

- 0 of 120

## **Preconstruction Property Meeting Status**

-  Non Responsive

### **Status:**

- Initial Precon Meetings % Complete: 67.5%
- Final Precon Meetings % Complete: 46.7%

## **Post construction Property Meeting Status**

- No Post-Con meetings today
- Post-Con Meetings % Complete: 0.0%

## **Work Performed Today**

### **Safety and Quality**

#### **Safety-**

- CH2M and Arrowhead completes tailgate safety meeting
- ACI submits gas line incident root cause and corrective actions

- CH2M and ACI complete safety stand-down and retraining
- Safe behavior observations completed today
- Pre-excavation hazard assessment completed at [Non Responsive]
- CH2M PM completes PM management inspection

## Quality

- CH2M QA completes inspections of excavation at [Non Responsive] and [Non Responsive]
- CH2M QA completes inspections of Sod placement at [Non Responsive]
- CH2M QA observed watering at [Non Responsive], [Non Responsive], and [Non Responsive]
- CH2M QA completes inspection of stockpile area at the laydown yard
- CH2M QA completes inspection of topsoil placement at [Non Responsive]
- CH2M QA completes inspection of restoration activities at [Non Responsive]
- Submittals distributed today:
  - Submittal 68.0A Standard and Organic Fertilizer Products- Returned to ACI for clarification -approved as noted
- Submittals received today:
  - Submittal 68.0A Standard and Organic Fertilizer Products from ACI clarification

## Property Work Today

- **Impacted export today**
  - [Non Responsive] (3 - 4.5CY trucks)
  - [Non Responsive] (5-4.5CY trucks)
- **Arrowhead stump grinding today:**
  - None
- **Arrowhead tree removal today:**
  - None
- **Arrowhead property clearing today:**
  - None
- **Bloodhound completes utility locate surveys at:**
  - No Locating completed today
- **Abonmarche survey work today :**
  - [Non Responsive] Survey 4
  - [Non Responsive] Survey 2
- **Backfill today:**
  - [Non Responsive] (0.25 - 4.5cyd truck topsoil)
  - [Non Responsive] (0.25 - 4.5cyd truck- #53 Stone)
  - [Non Responsive] (0.25 - 4.5cyd trucks topsoil)
  - [Non Responsive] (5.25 - 4.5cyd trucks topsoil)
- **Sod Placement today**

Non Responsive

Completed

## **General Work Today**

- Air monitoring samples are now being held pending the daily TWA calculation (starting with the samples collected on Friday May 19<sup>th</sup> )
- Continued dust monitoring
- ACI stockpile management
- End of the day security checks completed
- Line flushing
- Security patrols

## **Import Fill today**

- None

## **Waterline flushing today**

- Non Responsive
- Non Responsive
- Non Responsive
- Non Responsive
- Non Responsive

## **Street Force Operations**

- Yes- Focus on upcoming August properties

## **Planned Work for Tomorrow (6/07)**

- Property Clearing
- Excavations
- Backfill
- Sod placement
- Maintenance watering

## **Changed Conditions/Delay/Conflicts Encountered**

- ACI Schedule slippage
- Safety Stand-down 6-5-17 2:00pm to 6-6-17 12:30pm

## **Visitors/Discussions**

- Tim Drexler, Mike Dunneback, Paul Arps, Theo Von Wallmenich

## **Schedule Evaluation / 2 Week look Ahead**

Note: Based on progress schedule 5-4-17

XXXX= Ahead of Schedule XXXX= On Schedule XXXX = Behind Schedule XXXX = In

Maintenance Period

## **Schedule Recovery Assessment Tracking:**

Property completions behind schedule (Not Started): 6 (Static)

Property completions behind schedule (In Progress): 13 (Static)

Property completions on schedule (In Progress): 1 (Static)

Property Completions ahead of schedule (In Progress): 2 (Static)

**Note: Properties in maintenance period are not tracked against status assessment**

Non Responsive

**(In maintenance Period – Ends 7-31-17)**

Non Responsive

**(In maintenance Period – Ends 7-31-17)**

Non Responsive

**(In maintenance Period – Ends 6-29-17)**

Non Responsive

**(In maintenance Period – Ends 8-01-17)**

Non Responsive

**(In maintenance Period – Ends 7-31-17)**

Non Responsive

**(In maintenance Period – Ends 8-05-17)**

Non Responsive

**(Scheduled Excavation Start Date 5-8-17)**

**(Scheduled Excavation Completion Date 5-11-17)**

**(Scheduled Backfill Completion Date 5-12-17)**

**(Scheduled Sod Completion Date 5-15-17)**

- Began excavation 5-16-17
- Excavation limits met 5-23-17
- General Fill Completed 5-23-17
- Compaction tests completed 5-23-17
- Topsoil placed 6-2-17
- Begin Sod Placement 6-5-17
- Needs one strip of sod 6-6-17

Non Responsive

**(Scheduled Excavation Start Date 5-11-17)**

**(Scheduled Excavation Completion Date 5-11-17)**

**(Scheduled Backfill Completion Date 5-16-17)**

**(Scheduled Sod Completion Date 5-17-17)**

- Excavation started 5-16-17
- Excavation limits met 5-24-17
- General Fill Completed 5-24-17
- Compaction tests completed 5-24-17
- Topsoil placed 5-26-17
- Sod placed 5-31-17
- Needs plant restoration

Non Responsive

**(Scheduled Excavation Start Date 5-11-17)**

**(Scheduled Excavation Completion Date 5-11-17)**

**(Scheduled Backfill Completion Date 5-17-17)**

**(Scheduled Sod Completion Date 5-18-17)**

- Excavation started on 5-18-17
- Excavation limits met on 5-24-17
- General Fill Completed 5-24-17
- Compaction tests completed 5-24-17

Non Responsive

**(Scheduled Excavation Start Date 5-12-17)**

**(Scheduled Excavation Completion Date 5-12-17)**

**(Scheduled Backfill Completion Date 5-18-17)**

**(Scheduled Sod Completion Date 5-19-17)**

- Excavation started on 5-22-17
- Excavation limits met 5-26-17
- General fill started 5-30-17
- Compaction tests completed 5-30-17

Non Responsive

**(Scheduled Excavation Start Date 5-17-17)**

**(Scheduled Excavation Completion Date 5-17-17)**

**(Scheduled Backfill Completion Date 5-22-17)**

**(Scheduled Sod Completion Date 5-23-17)**

- Excavation started 5-30-17
- Excavation limits met 5-31-17
- Begin backfill 6-1-17

Non Responsive

**(Scheduled Excavation Start Date 5-18-17)**

**(Scheduled Excavation Completion Date 5-18-17)**

**(Scheduled Backfill Completion Date 5-23-17)**

**(Scheduled Sod Completion Date 5-24-17)**

- Began Excavation 6-2-17

Non Responsive

**(Scheduled Excavation Start Date 5-18-17)**

**(Scheduled Excavation Completion Date 5-18-17)**

**(Scheduled Backfill Completion Date 5-24-17)**

**(Scheduled Sod Completion Date 5-25-17)**

- Excavation not started

Non Responsive

**(Scheduled Excavation Start Date 5-19-17)**

**(Scheduled Excavation Completion Date 5-19-17)**

**(Scheduled Backfill Completion Date 5-25-17)**

**(Scheduled Sod Completion Date 5-26-17)**

- Excavation not started

Non Responsive

**(Scheduled Excavation Start Date 5-22-17)**

**(Scheduled Excavation Completion Date 5-23-17)**

**(Scheduled Backfill Completion Date 5-26-17)**

**(Scheduled Sod Completion Date 5-29-17)**

- Excavation started 6-3-17
- Excavation limits met 6-6-17

Non Responsive

**(Scheduled Excavation Start Date 5-24-17)**

**(Scheduled Excavation Completion Date 5-24-17)**

**(Scheduled Backfill Completion Date 5-29-17)**

**(Scheduled Sod Completion Date 5-30-17)**

- Excavation started on 5-24-17.
- Excavation limits met 5-25-17
- General fill completed 5-26-17

Non Responsive

**(Scheduled Excavation Start Date 5-25-17)**

**(Scheduled Excavation Completion Date 5-25-17)**

**(Scheduled Backfill Completion Date 5-30-17)**

**(Scheduled Sod Completion Date 5-31-17)**

- Excavation started on 5-23-17
- Excavation limits met on 5-24-17
- General fill completed 5-26-17

Non Responsive

**(Scheduled Excavation Start Date 5-25-17)**

**(Scheduled Excavation Completion Date 5-25-17)**

**(Scheduled Backfill Completion Date 5-31-17)**

**(Scheduled Sod Completion Date 6-01-17)**

- Excavation started 6-5-17

Non Responsive

**(Scheduled Excavation Start Date 5-26-17)**

**(Scheduled Excavation Completion Date 5-26-17)**

**(Scheduled Backfill Completion Date 6-1-17)**

**(Scheduled Sod Completion Date 6-02-17)**

- Excavation not started

Non Responsive

**(Scheduled Excavation Start Date 5-29-17)**

**(Scheduled Excavation Completion Date 5-30-17)**

**(Scheduled Backfill Completion Date 6-5-17)**

**(Scheduled Sod Completion Date 6-05-17)**

- Excavation Started 6-1-17
- XRF Pass at 30"

Non Responsive

**(Scheduled Excavation Start Date 5-31-17)**

**(Scheduled Excavation Completion Date 5-31-17)**

**(Scheduled Backfill Completion Date 6-5-17)**

**(Scheduled Sod Completion Date 6-06-17)**

- Excavation started 6-1-17
- Excavation limits met 6-2-17

Non Responsive

**(Scheduled Excavation Start Date 6-1-17)**

**(Scheduled Excavation Completion Date 6-1-17)**

**(Scheduled Backfill Completion Date 6-6-17)**

**(Scheduled Sod Completion Date 6-07-17)**

- Excavation started on 5-30-17
- Excavation limits met 6-1-17

Non Responsive

**(Scheduled Excavation Start Date 6-1-17)**

**(Scheduled Excavation Completion Date 6-1-17)**

**(Scheduled Backfill Completion Date 6-7-17)**

**(Scheduled Sod Completion Date 6-08-17)**

- Excavation not started

Non Responsive

**(Scheduled Excavation Start Date 6-2-17)**

**(Scheduled Excavation Completion Date 6-2-17)**

**(Scheduled Backfill Completion Date 6-8-17)**

- Excavation not started

Non Responsive

**(Scheduled Excavation Start Date 6-5-17)**

**(Scheduled Excavation Completion Date 6-6-17)**

**(Scheduled Backfill Completion Date 6-9-17)**

- Excavation not started

Non Responsive

**(Scheduled Excavation Start Date 6-7-17)**

**(Scheduled Excavation Completion Date 6-7-17)**

**(Scheduled Backfill Completion Date 6-12-17)**

- Excavation started 6-6-17

Non Responsive

**(Scheduled Excavation Start Date 6-8-17)**  
**(Scheduled Excavation Completion Date 6-8-17)**  
**(Scheduled Backfill Completion Date 6-13-17)**

Non Responsive

**(Scheduled Excavation Start Date 6-8-17)**  
**(Scheduled Excavation Completion Date 6-8-17)**  
**(Scheduled Backfill Completion Date 6-14-17)**

Non Responsive

**(Scheduled Excavation Start Date 6-9-17)**  
**(Scheduled Excavation Completion Date 6-9-17)**  
**(Scheduled Backfill Completion Date 6-15-17)**

Non Responsive

**(Scheduled Excavation Start Date 6-12-17)**  
**(Scheduled Excavation Completion Date 6-13-17)**  
**(Scheduled Backfill Completion Date 6-16-17)**

- Excavation started on 5-25-17
- Excavation limits met 5-30-17
- Topsoil completed 6-6-17

Non Responsive

**(Scheduled Excavation Start Date 6-14-17)**  
**(Scheduled Excavation Completion Date 6-14-17)**  
**(Scheduled Backfill Completion Date 6-19-17)**

Non Responsive

**(Scheduled Excavation Start Date 6-15-17)**  
**(Scheduled Excavation Completion Date 6-15-17)**  
**(Scheduled Backfill Completion Date 6-20-17)**

Non Responsive

**(Scheduled Excavation Start Date 6-15-17)**  
**(Scheduled Excavation Completion Date 6-15-17)**  
**(Scheduled Backfill Completion Date 6-21-17)**

- Excavation started on 5-31-17
- Excavation Limits Met 6-1-17

Non Responsive

**(Scheduled Excavation Start Date 6-16-17)**  
**(Scheduled Excavation Completion Date 6-16-17)**  
**(Scheduled Backfill Completion Date 6-22-17)**

**CH2M**

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